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NASA Procedural Requirements

COMPLIANCE IS MANDATORY**NPR 8900.1**Effective Date: May 23, 2008
Expiration Date: May 23,
2013[Printable Format \(PDF\)](#)[Request Notification of Change](#) (NASA Only)**Subject: Health and Medical Requirements for Human Space Exploration****Responsible Office: Office of the Chief Health & Medical Officer**[| TOC | Preface | Chapter1 | Chapter2 | Chapter3 | AppendixA | AppendixB | AppendixC |](#)
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Appendix A. Definitions

A.1 Fitness for Duty (FFD) Standards: The minimum measurable capability or capacity for a given physiological or behavioral parameter that allows successful performance of all required duties. A functional capacity is measured.

A.2 Health: The physiological, psychological, and dental status and well-being of an individual.

A.3 Level of Care: The amount and type of care one will render based on perceived need and ability.

A.4 Medical: The care and treatment of an individual for illness or injury.

A.5 Permissible Outcome Limits (POL): An acceptable maximum decrement or change in physiological or behavioral parameter, as the result of exposure to the space environment. A biological/clinical parameter is measured.

A.6 Planetary Protection: Policies, requirements, and procedures designed to prevent biological contamination of other solar system bodies that might jeopardize scientific investigations on the origins and evolution of life, as well as to prevent the potential for harmful contamination of the Earth by extraterrestrial materials carried on board returning spacecraft.

A.7 Space Permissible Exposure Limits (SPEL): The quantifiable limit of exposure to a space flight factor over a given length of time. A physical/chemical agent is being measured.

A.8 Standard of Care: The benchmark by which an established level of care is provided.

A.9 Transition to Medical Practice (TMP): An assessment of the effectiveness and operational readiness of medical research and technology products and deliverables. TMP provides a clear channel for human health and medical-related flight and ground research results for transition to tools available to support Agency human space flight programs.

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